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<input type="checkbox"/>	L7	L6 and activation tagging	1
<input type="checkbox"/>	L6	L3 and homologous recombination	99
<input type="checkbox"/>	L5	L4 and homologous recombination	34
<input type="checkbox"/>	L4	L3 and maize	40
<input type="checkbox"/>	L3	L2 and negative select\$	116
<input type="checkbox"/>	L2	L1 and positive select\$	172
<input type="checkbox"/>	L1	transposase	1060

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FILE 'HOME' ENTERED AT 14:03:19 ON 01 MAR 2005

=> file agricola caplus biosis

COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'AGRICOLA' ENTERED AT 14:03:28 ON 01 MAR 2005

FILE 'CAPLUS' ENTERED AT 14:03:28 ON 01 MAR 2005

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FILE 'BIOSIS' ENTERED AT 14:03:28 ON 01 MAR 2005

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=> s transposase and positive and negative
L1 69 TRANSPOSASE AND POSITIVE AND NEGATIVE

```
=> dup rem l1
PROCESSING COMPLETED FOR L1
L2          60 DUP REM L1 (9 DUPLICATES REMOVED)
```

=> l3 and coda
L3 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s 13 and coda
L3 NOT FOUND
The L-number entered could not be found. To see the definition
of L-numbers enter DISPLAY HISTORY at an arrow prompt (->)

=> s 12 and coda

=> d 12 1=10 ti

L2 ANSWER 1 OF 60 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Method for identification of the indicators of contamination in liquid
samples.

L2 ANSWER 2 OF 60 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1
TI The **positive** and **negative** regulation of Tn10
transposition by IHF is mediated by structurally asymmetric transposon arms

L2 ANSWER 3 OF 60 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STIN. DUPLICATE 2

TI (2005) ON SIN DUPLICATE 2
Germline transformation of the sawfly, *Athalia rosae* (Hymenoptera: Symphyta), mediated by a piggyBac-derived vector.

L2 ANSWER 4 OF 60 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Characterization of class 1 integron resistance gene cassettes and the
identification of a novel IS-like element in *Acinetobacter baumannii*.

L2 ANSWER 5 OF 60 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3
TI Long and short mRNAs transcribed from the medaka fish transposon Tol2 respectively exert **positive** and **negative** effects on excision

L2 ANSWER 6 OF 60 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Identification of genes affecting fluconazole susceptibility in *Candida glabrata* using a custom transposon.

L2 ANSWER 7 OF 60 CAPLUS COPYRIGHT 2005 ACS on STN
TI Transposable luciferase expression cassettes for Gram **positive** bacteria and their use to monitor bacterial infections by *in situ* bioluminescence

L2 ANSWER 8 OF 60 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI **Transposase**-dependent formation of circular IS256 derivatives in *Staphylococcus epidermidis* and *Staphylococcus aureus*.

L2 ANSWER 9 OF 60 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Diversity of Tn4001 transposition products: The flanking IS256 elements can form tandem dimers and IS circles.

L2 ANSWER 10 OF 60 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Bacterial genomic islands: Organization, function, and evolutionary role.

=> s 12 and marker
L4 5 L2 AND MARKER

=> d 1-5 ti

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
TI Transposable luciferase expression cassettes for Gram **positive** bacteria and their use to monitor bacterial infections by *in situ* bioluminescence

L4 ANSWER 2 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Identification of genes affecting fluconazole susceptibility in *Candida glabrata* using a custom transposon.

L4 ANSWER 3 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI pTn5cat: A Tn5-derived genetic element to facilitate insertion mutagenesis, promoter probing, physical mapping, cloning, and **marker** exchanges in phytopathogenic and other gram-negative bacteria.

L4 ANSWER 4 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Testing transposable elements as genetic drive mechanisms using *Drosophila* P element constructs as a model system.

L4 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Identification of IS1356, a new insertion sequence, and its association with IS402 in epidemic strains of *Burkholderia cepacia* infecting cystic fibrosis patients.

=> s (ac or ds) and transpos?
L5 1738 (AC OR DS) AND TRANSPOS?

=> s 15 and vector
L6 113 L5 AND VECTOR

=> s 16 and transgenic
L7 55 L6 AND TRANSGENIC

=> dup rem 17
PROCESSING COMPLETED FOR L7
L8 39 DUP REM L7 (16 DUPLICATES REMOVED)

=> d 1-10 ti

L8 ANSWER 1 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN
TI Fumonisin detoxification enzyme gene isolated from environmental microorganisms, compositions and methods for making fumonisin-resistant transgenic plants, and detoxification for grains and foods and feeds

L8 ANSWER 2 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN
TI Application of acids transposon system to generate marker gene free transgenic plants in rice

L8 ANSWER 3 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN
TI Method for constructing a tag system comprising transposase -coding genes and use for tagging plant genes

L8 ANSWER 4 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN
TI GST-MAT vector for the efficient and practical removal of marker genes from transgenic plants

L8 ANSWER 5 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN
TI Methods for site-associated modification of gene activity and nucleic acid structure

L8 ANSWER 6 OF 39 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 1
TI Transposon-mediated single-copy gene delivery leads to increased transgene expression stability in barley.

L8 ANSWER 7 OF 39 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Timing of transposition of Ac mobile element in potato.

L8 ANSWER 8 OF 39 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Activation of non-autonomous maize transposable element, Dissociation (Ds), by Ac-transposase in carrot.

L8 ANSWER 9 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN
TI Transposon tagging and gene delivery in small grain cereals

L8 ANSWER 10 OF 39 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Frequency and pattern of transposition of the maize transposable element Ds in transgenic rice plants.

=> d ab

L8 ANSWER 1 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN
AB In one aspect, the invention provides methods of enzymic detoxification of aminated toxins, e.g., mycotoxins, such as fumonisin. The invention provides methods to enzymically detoxify plants, foods or feeds or any contaminated product or surface, including detoxification of mycotoxins,

such as fumonisin, e.g., fumonisin B1 and fumonisin B2. The invention provides methods to prevent the contamination of plants, foods or feeds or any contaminated product or surface by application or a polypeptide having a deaminase activity. In one aspect, the invention relates to protein and cDNA sequences of 44 polypeptides having an aminotransferase, an aminomutase and/or a deaminase activity isolated from environmental microorganisms.

=> d pi

L8	ANSWER 1 OF 39	CAPLUS	COPYRIGHT 2005 ACS on STN		
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004085624	A2	20041007	WO 2004-US9054	20040324
		W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW		
		RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		

=> d 2 ab

L8	ANSWER 2 OF 39	CAPLUS	COPYRIGHT 2005 ACS on STN	
AB		The Ac/Ds transposon system was presented for removal of hygromycin phosphotransferase (hpt) selection marker gene to obtain marker-free transgenic plants in rice (<i>Oryza saliva</i> L.). Ds element containing the interesting gene bar was constructed next to the selection marker gene hpt to get Ds -T-DNA. Rice plants were transformed by <i>Agrobacterium tumefaciens</i> EHA105 containing Ac -T-DNA and Ds -T-DNA, resp. Rice plant containing single copy Ac -T-DNA was crossed with plant containing single copy Ds -T-DNA to obtain the F1 plant containing both Ac and Ds elements. F1 plant was self-crossed to produce F2 progeny in which T-DNA insert and transposed Ds element segregated independently. 2 plants contained Ds element but no hpt marker gene in total 100 F2 plants. The result indicated that Ac/Ds transposon system could be used as a vector system for generating marker gene free transgenic plants in rice.		

=> d so

L8	ANSWER 1 OF 39	CAPLUS	COPYRIGHT 2005 ACS on STN	
SO	PCT Int. Appl., 254 pp.			
	CODEN: PIXXD2			

=> d pi

L8	ANSWER 1 OF 39	CAPLUS	COPYRIGHT 2005 ACS on STN		
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004085624	A2	20041007	WO 2004-US9054	20040324
		W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,		

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
RW: TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW,
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
TD, TG

=> s ((lam e?) or (lam, e))/au
L9 561 ((LAM E?) OR (LAM, E))/AU

=> s l9 and transposase
L10 1 L9 AND TRANSPOSASE

=> d ti

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
TI Compositions and methods for targeted gene insertion

=> s l9 and transpos?
L11 2 L9 AND TRANSPOS?

=> dup rem l11
PROCESSING COMPLETED FOR L11
L12 2 DUP REM L11 (0 DUPLICATES REMOVED)

=> d 1-2 ti

L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
TI Compositions and methods for targeted gene insertion

L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
TI From footprint to function: an approach to study gene expression and
regulatory factors in transgenic plants

=> s l9 and ds
L13 5 L9 AND DS

=> dup rem l13
PROCESSING COMPLETED FOR L13
L14 3 DUP REM L13 (2 DUPLICATES REMOVED)

=> d 1-3 ti

L14 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1
TI H2O2 induces a transient multi-phase cell cycle arrest in mouse
fibroblasts through modulating cyclin D and p21Cip1 expression

L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2
TI BCR-ABL and interleukin 3 promote hematopoietic cell proliferation and
survival through modulation of cyclin D2 and p27Kip1 expression

L14 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
TI Compositions and methods for targeted gene insertion

=> s l9 and homologous recombination
L15 6 L9 AND HOMOLOGOUS RECOMBINATION

=> dup rem l15
PROCESSING COMPLETED FOR L15
L16 4 DUP REM L15 (2 DUPLICATES REMOVED)

=> d 1-4 ti

L16 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI Compositions and methods for targeted gene insertion

L16 ANSWER 2 OF 4 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Targeted gene insertion in higher plants via **homologous recombination**.

L16 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI Targeted disruption in *Arabidopsis*

L16 ANSWER 4 OF 4 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2005) on STN
TI Targeted disruption of the TGA3 locus in *Arabidopsis thaliana*. DUPLICATE 1